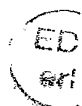


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(54) Title: NOISE REDUCTION SYSTEM, AND METHOD

(57) Abstract: Noise reduction systems comprising an input for receiving per time-interval input signals originating from a Fast Fourier Transformator (frequency-components + values/amplitudes) and comprising a noise estimator coupled to said input for performing noise estimations per input signal and comprising a converter coupled to said noise estimator for performing conversions of said noise estimations and for generating correction signals and comprising a combiner coupled to said converter and to said input for generating per time-interval output signals (input signals minus correction signals = frequency-components + values/amplitudes with reduced noise) do not take into account their surroundings and are rather static. By introducing adaptation signals for adapting said conversions, noise reduction systems become dynamic and more flexible.